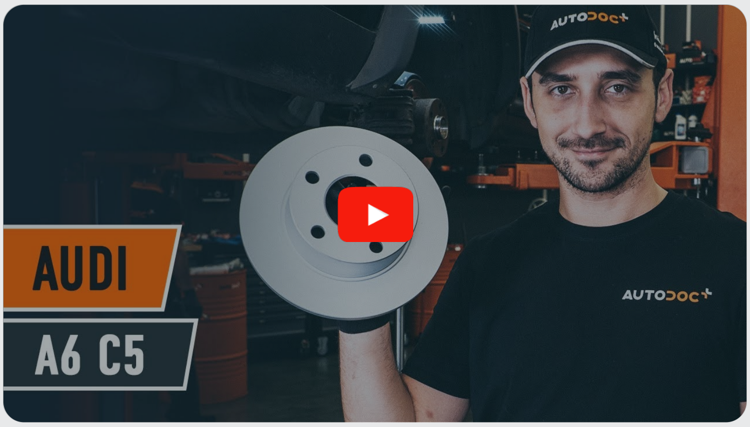
AUTODOC CLUB

How to change rear brake discs on **Audi A6 C5 Avant** – replacement guide

VIDEO TUTORIAL

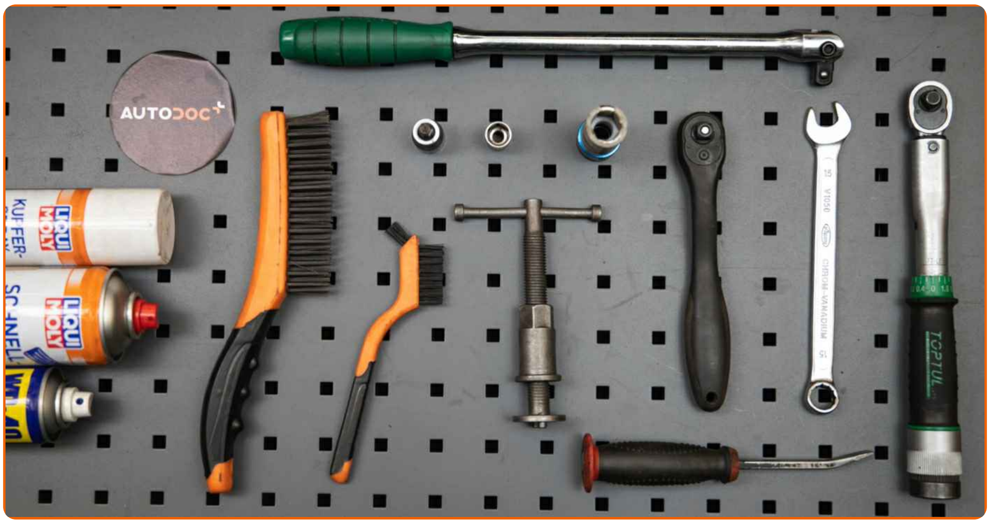


Important!

This replacement procedure can be used for:
AUDI 100 C3 Saloon (44, 44Q) 2.3 E, AUDI 100 C4 Saloon (4A2) 2.4 D, AUDI 100 C4 Saloon (4A2) 2.5 TDI, AUDI 100 C4 Saloon (4A2) 2.0, AUDI 100 C4 Saloon (4A2) 2.0 E, AUDI 100 C4 Saloon (4A2) 2.3 E, AUDI 100 C4 Saloon (4A2) 2.6, AUDI 100 C4 Saloon (4A2) 2.8 E, AUDI 100 C4 Saloon (4A2) S4 Turbo quattro, AUDI 100 C4 Saloon (4A2) 2.3 E quattro, AUDI 100 C4 Saloon (4A2) 2.6 quattro, AUDI 100 C4 Saloon (4A2) 2.8 E quattro, AUDI 100 C3 Avant (44, 44Q) 2.3, AUDI 100 C4 Avant (4A5) 2.5 TDI, AUDI 100 C4 Avant (4A5) 2.0 E, (+ 56)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – AUDI A6 C5 AVANT. TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #15
- Drive socket # 13
- HEX bit No.H8
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

BUY TOOLS

AUTODOC recommends:

- Replace the brake disks on the car Audi A6 C5 Avant in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – Audi A6 C5 Avant – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the rear of the car and secure on supports.



5 Unscrew the wheel bolts.



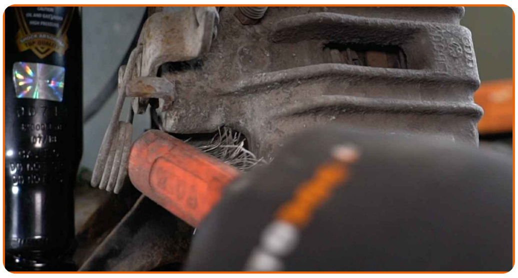
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Audi A6 C5 Avant

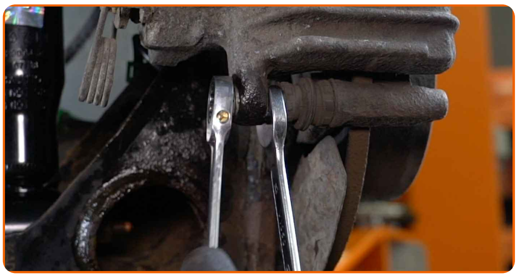
6 Remove the wheel.



7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



8 Unscrew the brake caliper fastening. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.



9 Remove the brake caliper. Use a crowbar.



Replacement: brake discs – Audi A6 C5 Avant. Tip from AUTODOC:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

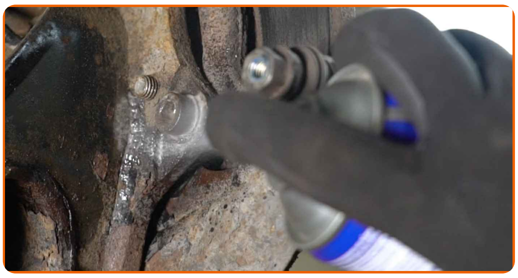
10

Remove the brake pads. Use a crowbar.



11

Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



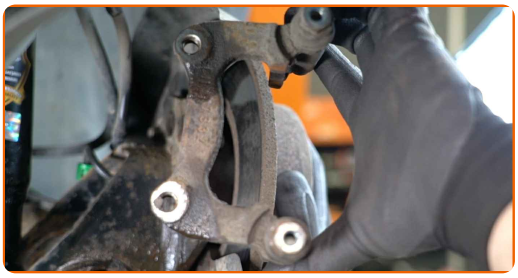
12

Unscrew the caliper bracket fastening. Use HEX No.H8. Use a tap wrench. Use a ratchet wrench.



13

Remove the caliper bracket.



14

Remove the brake disc.



15 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



16 Install the brake disc.



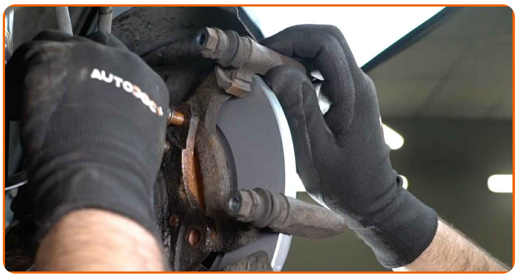
17 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – Audi A6 C5 Avant. After applying the spray, wait a few minutes.

18 Install the brake caliper bracket.



19 Tighten the brake caliper bracket. Use HEX No.H8. Use a torque wrench. Tighten it to 95 Nm torque.



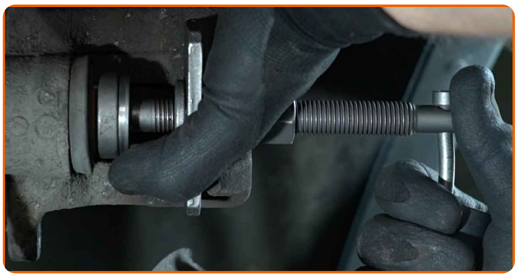
20 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



AUTODOC recommends:

- After applying the spray, wait a few minutes.

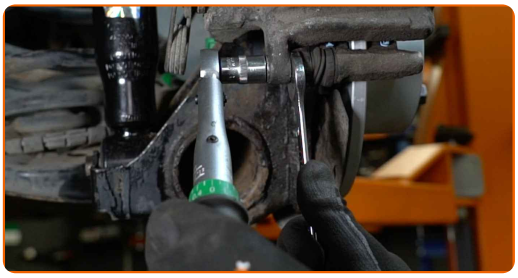
21 Press in the brake caliper piston. Use brake caliper wind back tool.



22 Install the brake pads.



23 Install the brake caliper and fix it. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



24 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



25 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – Audi A6 C5 Avant. After applying the spray, wait a few minutes.

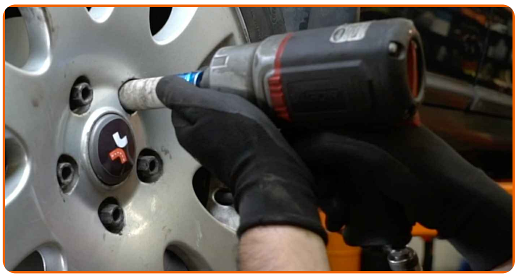
26 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
  Audi A6 C5 Avant

27 Screw in the wheel bolts. Use wheel impact socket #17.



28 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



29 Remove the jacks and chocks.



Replacement: brake discs – Audi A6 C5 Avant. Professionals recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.
- Without starting the engine, press the brake pedal several times until you feel significant resistance.

30 Tighten the brake fluid reservoir cap. Close the hood.

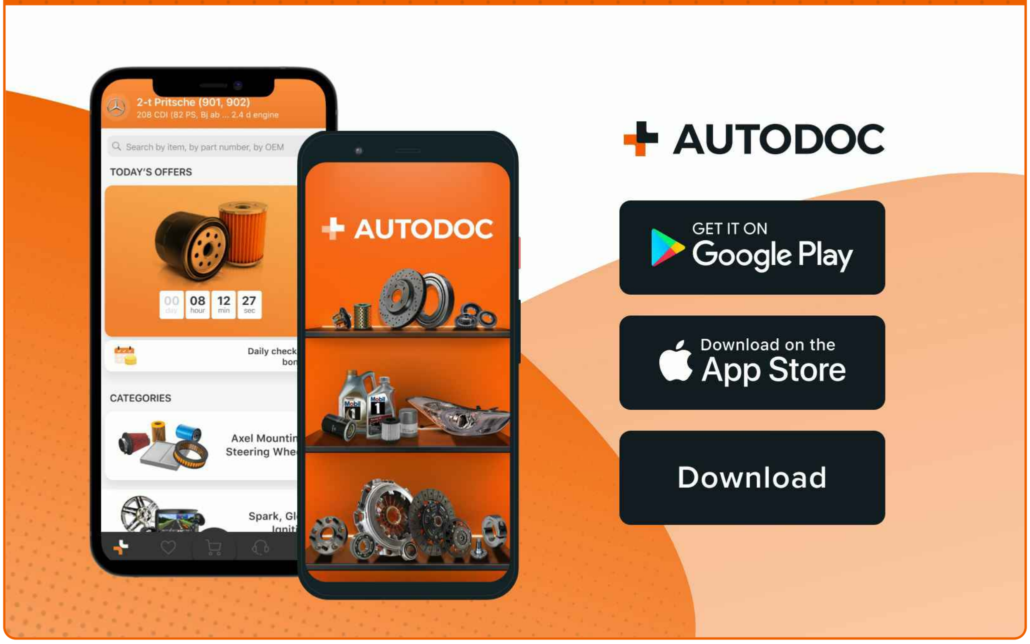


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